

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

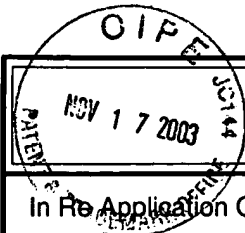
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Problem Image Mailbox.**



TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
HUAH104

In Re Application Of: **HUANG**

Serial No.
10/615,695

Filing Date
7/8/2003

Examiner

Group Art Unit
1614

Title: **SYNTHESIS AND PHARMACEUTICALS OF NOVEL BIS-SUBSTITUTED ANTHRAQUINONE DERIVATIVES**

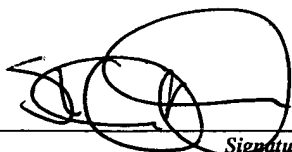
TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE:

Transmitted herewith is:

**INFORMATION DISCLOSURE CITATION
COPIES OF CITED REFERENCES
RETURN RECEIPT POSTCARD**

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.


Signature

Dated: **NOVEMBER 13, 2003**

**STEPHEN M. NIPPER
DYKAS, SHAVER & NIPPER, LLP
PO BOX 877
BOISE, IDAHO 83701-0877
(208) 345-1122**

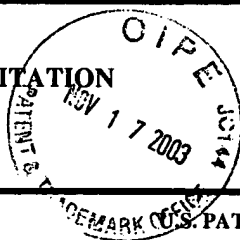
I certify that this document and fee is being deposited
~~on~~ November 13, 2003 with the U.S. Postal Service as
first class mail under 37 C.F.R. 1.8 and is address d to th
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450.


Signature of Person Mailing Correspondence

JULIE O'TYSON

Typed or Printed Name of Person Mailing Correspondence

CC:



Docket Number (Optional) HUAH104		Application Number 10/615,695
Applicant(s) HUANG		
Filing Date 07/08/2003		Group Art Unit 1614

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,372,785	04/16/2002	HUANG	514	532	
		6,369,246	04/09/2002	HUANG ET AL.	552	290	

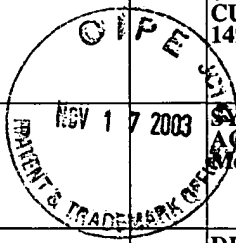
FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER**DATE CONSIDERED**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) HUAH104	Application Number 10/615,695
		Applicant(s) HUANG	
		Filing Date 07/08/2003	Group Art Unit 1614
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	SYNTHESIS OF SYMMETRICAL 1,5-BIS-THIO-SUBSTITUTED ANTHRAQUINONES FOR CYTOTOXICITY IN CULTURED TUMOR CELLS AND LIPID PEROXIDATION, HSU-SHAN HUANG, ET AL., Chem. Pharm. Bull 50(11) 1491-1494 (2002)		
	SYNTHESIS OF SYMMETRICAL 1,5-BISACYLOXYANTHRAQUINONE DERIVATIVES AND THEIR DUAL ACTIVITY OF CYTOTOXICITY AND LIPID PEROXIDATION, HSU-SHAN HUANG, ET AL., Arch. Pharm. Pharm. Med. Chem. 2002, 10, 481-486		
	DISUBSTITUTED AMIDOFLUORENONE DERIVATIVES AS INHIBITORS OF HUMAN TELOMERASE, J. PERRY, ET AL., J. Med. Chem 1999, 42, 2679-2684		
	HUMAN TELOMERASE INHIBITION BY REGIOISOMERIC DISUBSTITUTED AMIDOANTHRACENE-9,10-DIONES, PERRY, ET AL., J. Med Chem. 1998, 41, 4873-4884		
	SYNTHESIS AN ANTITUMOR PROPERTIES OF AN ANTHRAQUINONE BISUBSTITUTED BY THE COPPER CHELATING PEPTIDE GLY-GLY-L-HIS, TEISSIER, ET AL., J. Med. Chem 1993, 36, 2084-2090		
	PEPTIDYL ANTHRAQUINONES AS POTENTIAL ANTINEOPLASTIC DRUGS: SYNTHESIS, DNA BINDING, REDOX CYCLING, AND BIOLOGICAL ACTIVITY, GATTO, ET AL., J. Med. Chem. 1996, 39, 3114-3122		
	1,4- AND 2,6-DISUBSTITUTED AMINDOANTHRACENE-9,10-DIONE DERIVATIVES AS INHIBITORS OF HUMAN TELOMERASE, PERRY, ET AL., J. Med. Chem. 1998, 41, 3253-3260		
	HETEROSUBSTITUTED ANTHRACENE-9,10-DIONE ANALOGUES. THE SYNTHESIS AND ANTITUMOR EVALUATION OF 5,8-BIS[(AMINOALKYL)AMINO]NAPHTHO[2,3-B]THIOPHENE-4,9-DIONES, KRAPCHO, ET AL., J. Med. Chem. 1990, 33, 2651-2655		
	SYNTHESIS AND ANTITUMOR EVALUATION OF 2,5-DISUBSTITUTED-INDAZOLO[4,3-GH]ISOQUINOLIN-6(2H)-ONES (9-AZA-ANTHRAPYRAZOLES), KRAPCHO, ET AL., J. Med. Chem. 1998, 41, 5429-5444		
	ACTIVATION OF HUMAN TELOMERASE REVERSE TRANSCRIPTASE EXPRESSION BY SOME NEW SYMMETRICAL BIS-SUBSTITUTED DERIVATIVES OF ANTHRAQUINONE, HSU-SHAN HUANG, ET AL., School of Pharmacy, National Defense Medical Center, 10/31/2002		
6,9-BIS[(AMINOALKYL)AMINO]BENZO[G]ISOQUINOLINE-5,10-DIONES. A NOVEL CLASS OF CHROMOPHORE-MODIFIED ANTITUMOR ANTRACENE-9,10-DIONES: SYNTHESIS AND ANTITUMOR EVALUATIONS, KRAPCHO, ET AL., J. Med. Chem. 1994, 37, 828-837			
EXAMINER		DATE CONSIDERED	
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			